

**PERM1 polyclonal antibody**

Catalog: BS35817

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

PGC-1 and ERR-induced regulator in muscle protein 1: Regulates the expression of selective PPARGC1A/B and ESRRA/B/G target genes with roles in glucose and lipid metabolism, energy transfer, contractile function, muscle mitochondrial biogenesis and oxidative capacity. Required for the efficient induction of MT-CO2, MT-CO3, COX4I1, TFB1M, TFB2M, POLRMT and SIRT3 by PPARGC1A. Positively regulates the PPARGC1A/ESRRG-induced expression of CKMT2, TNNT3 and SLC2A4 and negatively regulates the PPARGC1A/ESRRG-induced expression of PDK4

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~81.4 kDa

Swiss-Prot:

Q5SV97

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of PERM1 protein

DATA:

Western blot analysis of Fusion 1 expression in human heart (A), human skeletal muscle (B) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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